

What is claimed is:

1. A rear projection television including a screen panel disposed at the front of a body of the rear projection television, for receiving projection light projected from behind for image display, to thereby display an image thereon, a light source lamp removably disposed within the body, for projecting the projection light, and a working door provided for the body,
  - the rear projection television comprising:
    - a detector section that detects opening of the working door and outputs a detection signal;
    - an illumination lamp disposed within the body, for illuminating an inside of the body; and
    - a control section that causes the illumination lamp to light when the detection signal is outputted by the detector section.
2. A rear projection television as claimed in claim 1, wherein the working door is arranged for opening and closing a replacement work opening formed in the body for replacement of the light source lamp, and
  - wherein the illumination lamp illuminates an area around the light source lamp.
3. A rear projection television as claimed in claim 1, wherein the control section stops supply of electric power to the light source lamp when the detection signal is outputted by the detector section.
4. A rear projection television as claimed in claim 1, wherein the control section causes the illumination lamp to flash when the detection signal is outputted by the detector section in a state where

electric power is supplied to the light source lamp.

5. A rear projection television as claimed in claim 4, wherein the illumination lamp is capable of emitting red light.

5           6. A rear projection television as claimed in claim 1, wherein the illumination lamp is formed by a solid light source.

7. A rear projection television as claimed in claim 1, comprising a main power supply for supplying electric power to the light source lamp, and an  
10           auxiliary power supply for supplying electric power to the illumination lamp, and

          wherein the auxiliary power supply is capable of storing electric charge.

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